Service Manual

LCD Monitor Acer AL2623W

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Service Manual Versions and Revision

No.	Version	Release Date	Revision
1	1.0	2006/09/20	Initial Release

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Acer AL2623 Service Manual

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Chapter 1- PRECAUTIONS & SAFETY NOTICES

1. SAFETY PRECAUTIONS

This monitor is manufactured and tested on a ground principle that a user's safety comes first. However, improper used or installation may cause damage to the monitor as well as to the user.

WARNINGS:

- This monitor should be operated only at the correct power sources indicated on the label on the rear of the monitor. If you're unsure of the power supply in you residence, consult your local dealer or Power Company.
- Do not try to repair the monitor by yourself, as it contains no user-serviceable parts. This monitor should only be repaired by a qualified technician.
- Do not remove the monitor cabinet. There are high-voltage parts inside that may cause electric shock to human bodies.
- Stop using the monitor if the cabinet is damaged. Have it checked by a service technician.
- Put your monitor only in a lean, cool, dry environment. If it gets wet, unplug the power cable immediately and consult your closed dealer.
- Always unplug the monitor before cleaning it. Clean the cabinet with a clean, dry cloth. Apply non-ammonia based cleaner onto the cloth, not directly onto the class screen.
- Do not place heavy objects on the monitor or power cord.

2. PRODUCT SAFETY NOTICE

Many electrical and mechanical parts in this chassis have special safety visual inspections and the protection afforded by them cannot necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Before replacing any of these components read the parts list in this manual carefully. The use of substitute replacement parts, which do not have the same safety characteristics as specified in the parts list, may create shock, fire, or other hazards.

3. SERVICE NOTES

- When replacing parts or circuit boards, clamp the lead wires around terminals before soldering.
- Keep wires away from high voltage, high temperature components and sharp edges.
- Keep wires in their original position so as to reduce interference.
- Adjustment of this product please refers to the user' manual.

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Chapter 2- SERVICE TOOLS & EQUIPMENT REQUIRED

1. SIGNAL GENERATOR
2. MULTIMETER
3. SCREW DRIVER
4. OSCILLOSCOPE
5. Soldering IRON
6. SOLDER
7. VGA Cable (15pins point to point)
8. Color Analyzer
9. Myson412 ISP Board
10. EDID Board
11. EDID program file

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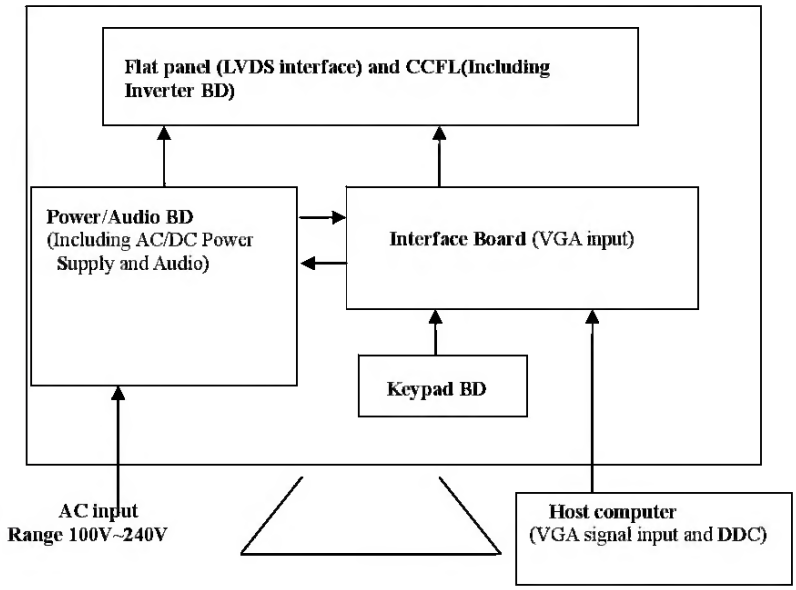
CHAPTER 3-CIRCUIT THEORY

1. Monitor Block Diagram

The LCD Monitor contains an interface board, and inverter/power/Audio board, keypad board and flat panel. In Inverter/power/Audio board, power section supplies +14V & +5V for Inverter/Audio and Interface board used. The inverter section drives the backlight of panel and the DC-DC conversion. The Audio section drives speaker (2 x1W).


Flat panel (LVDS interface) and CCFL(Including Inverter BD)
Power/Audio BD (Including AC/DC Power Supply and Audio)
Interface Board (VGA input)
Keypad BD
AC input Range 100V~240V
Host computer (VGA signal input and DDC)

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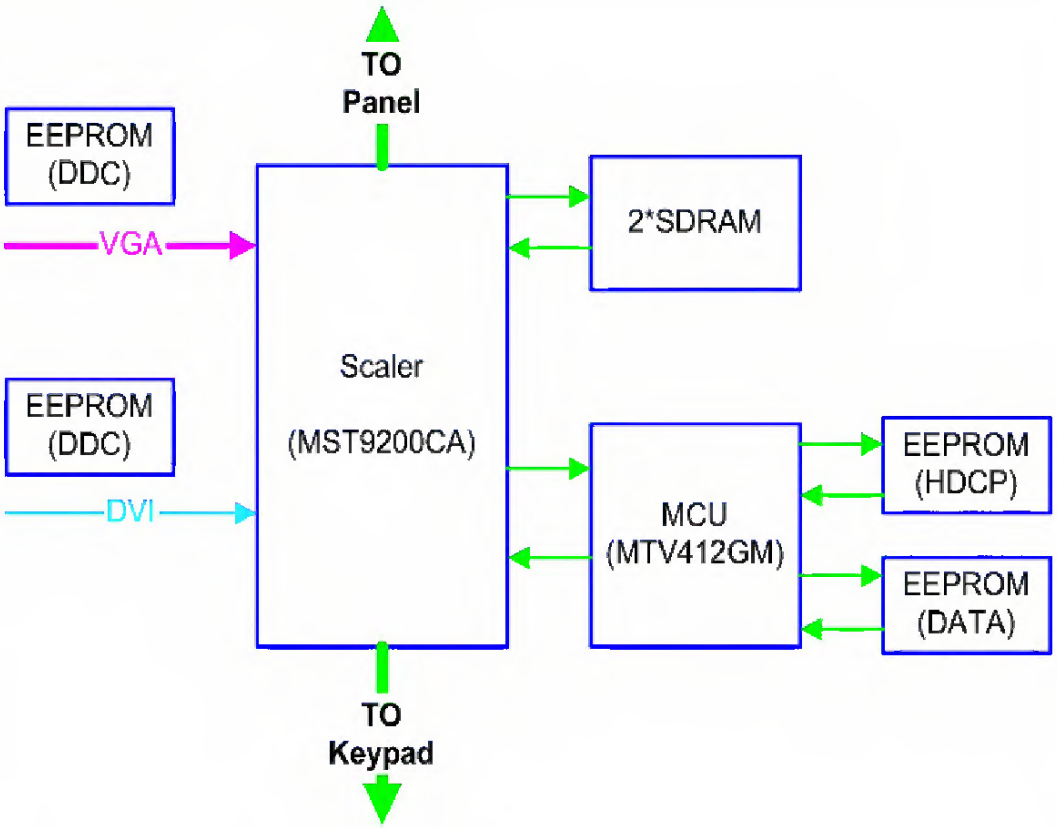
2. Interface BOARD DIAGRAM



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3. Electronic Circuit Theory

3.1 Switching Mode Power Supply

3.1.1 AC Current Input Circuit

P801 is a connector for connecting AC Power. F801 is a fuse to protect all the circuit. AC input voltage is from 90v to 264V. SW801 is hard switch for control AC input. C867/C802/C832/C866 are safety Y capacitors. C803/C804 are safety X capacitors. R801、R802 and R803 joined between two inputting main circuit to discharge electric energy of C804 when power AC off. L801/L802 are used to clear up low frequency wave. High frequency waves are damped by C867 and C802. D801 is a rectifier build-in 4 diodes. It Transform AC to DC.

3.1.2 Power Factor Controller Circuit

This circuit is typical boost model PWM power to improve power factor. T801 is inductor to storage electric energy. T801 store energy when Q801 switch on. And T801 discharge energy when Q801 switched off. R804、R805、R806、R808、ZD802、R807、R822 and Q802 control PFC output DC voltage. PFC output voltage is 400V when AC input is 180V~240V. Output voltage is 280V when AC input is 100~160V. R817、R818、R819 and R821 control PFC out stabilization. The pin function of IC801 can find from component datasheet.

3.1.3 High DC Voltage to Low Voltage (5V) Control Circuit

IC805 is this DC-DC circuit PWM controller. When pin6 of IC805 be charged to 12V, IC803 start drive Q805 to transform high DC voltage to low DC voltage 5V.D812、R865、Q806、D814、C836 and C837 provide auxiliary power for IC803 normal operation. R862 and R861 sample from auxiliary winding to control over voltage protection for DC 5V output. R873 and R872 sample DC 5V output voltage to compare voltage level with reference voltage of IC807. The signal get from compared result via IC806 feed back to pin2 of IC805. Then control PWM duty to control DC output stabilization. T803 is transformer. D815 is rectifier for DC 5V output. C843 and C844 are filter for DC 5V.

3.1.4 High DC Voltage to Low Voltage (24V) Control Circuit

This circuit same section 3.1.3. IC802 is this DC-DC circuit PWM controller. When pin6 of IC802 be charged to 12V, IC802 start drive Q803 to transform high DC voltage to low DC voltage 24V.D806、Q804、C818 and C815 provide auxiliary power for IC802 normal operation. R832 and R831 sample from auxiliary winding to control over voltage protection for DC 24V output. R843、R851 and R842 sample DC 24V output voltage to compare voltage level with reference voltage of IC804. The signal get from compared result via IC803 feed back to pin2 of IC802. Then control PWM duty to control DC output stabilization. T802 is transformer. D807 and D810 are rectifiers for DC 24V output. C825 and C826 are filter for DC 24V.

3.1.5 DC_24V Transform to DC 12V Circuit

IC808 is this DC-DC circuit PWM controller. R883 is for output short protection. C854 adjust resonance frequency. R887 and R886 sample DC output 12V to feed back to pin5 of IC808. Then control duty width to drive Q807. L806 is storage inductor. C856 is filter.

3.1.6 Over Current Protect Circuit

IC811 is the OCP controller. R875、R876、R877、R878 and R879 are sample resistor for DC 5V output. When the voltage of IC808 pin9 higher than the pin8, pin14 output high level to via D821、IC812 and IC809 control IC801 and IC802 shut down; R889、R890、R891、R892 and R893 are sample resistor for DC 12V output. When the voltage of IC808 pin7 higher than the pin6,pin1 output high level to via D820、IC812 and IC809 control IC801 and IC802 shut down; R846、R845、R847、R848 and R849 are sample resistor for DC 24V output. When the voltage of IC808 pin5 higher than the pin4, pin2 output high level to via D809、IC812 and IC809 control IC801 and IC802 shut down;

3.1.7 Standby Power Controller Circuit

When standby power signal is high level, Q811 on, Q810 off, IC809 off, Q808 and Q812 off, Q809 on, so power system on. When standby power signal is low level, Q811 off, Q810 on,

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IC809 on, Q808 and Q812 on, Q809 off, so IC801 and IC802 shut down. Power system off.

4. **Power Consumption Function Test**

4.1 Test mode: 1920x1200 @ 60 Hz

4.2 Test pattern: pattern #41 of "WHITE"

4.3 Adjusting both brightness value to maximum,

4.4 Measure power consumption as the following

Status	Power Consumption	LED Display
Normal	< 130W(with audio)	Green
Standby (No H/V sync)	< 2W	Orange
Power off	< 1W	No display

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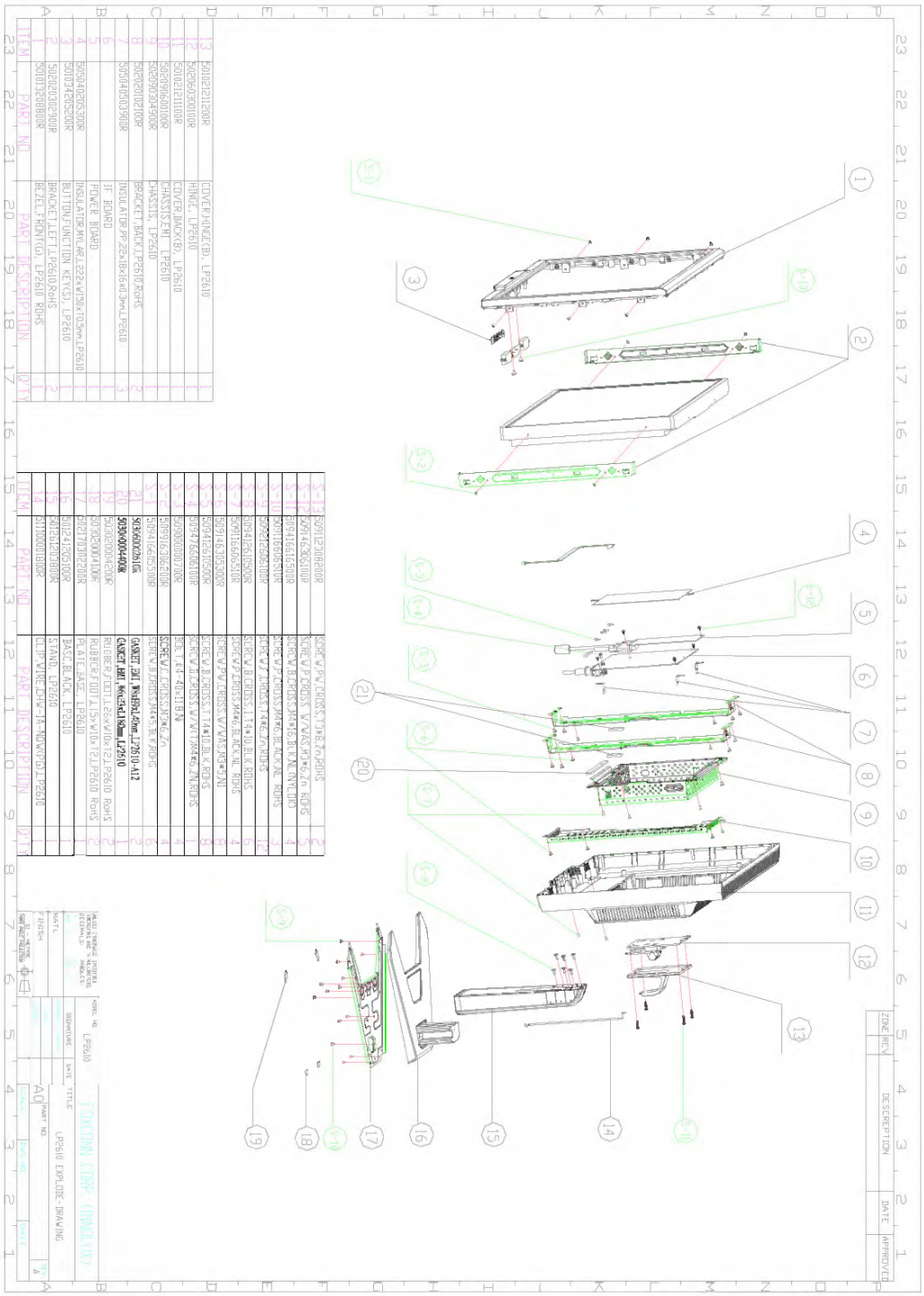
Chapter 4- Disassembly & Assembly

1. Exploded Diagram



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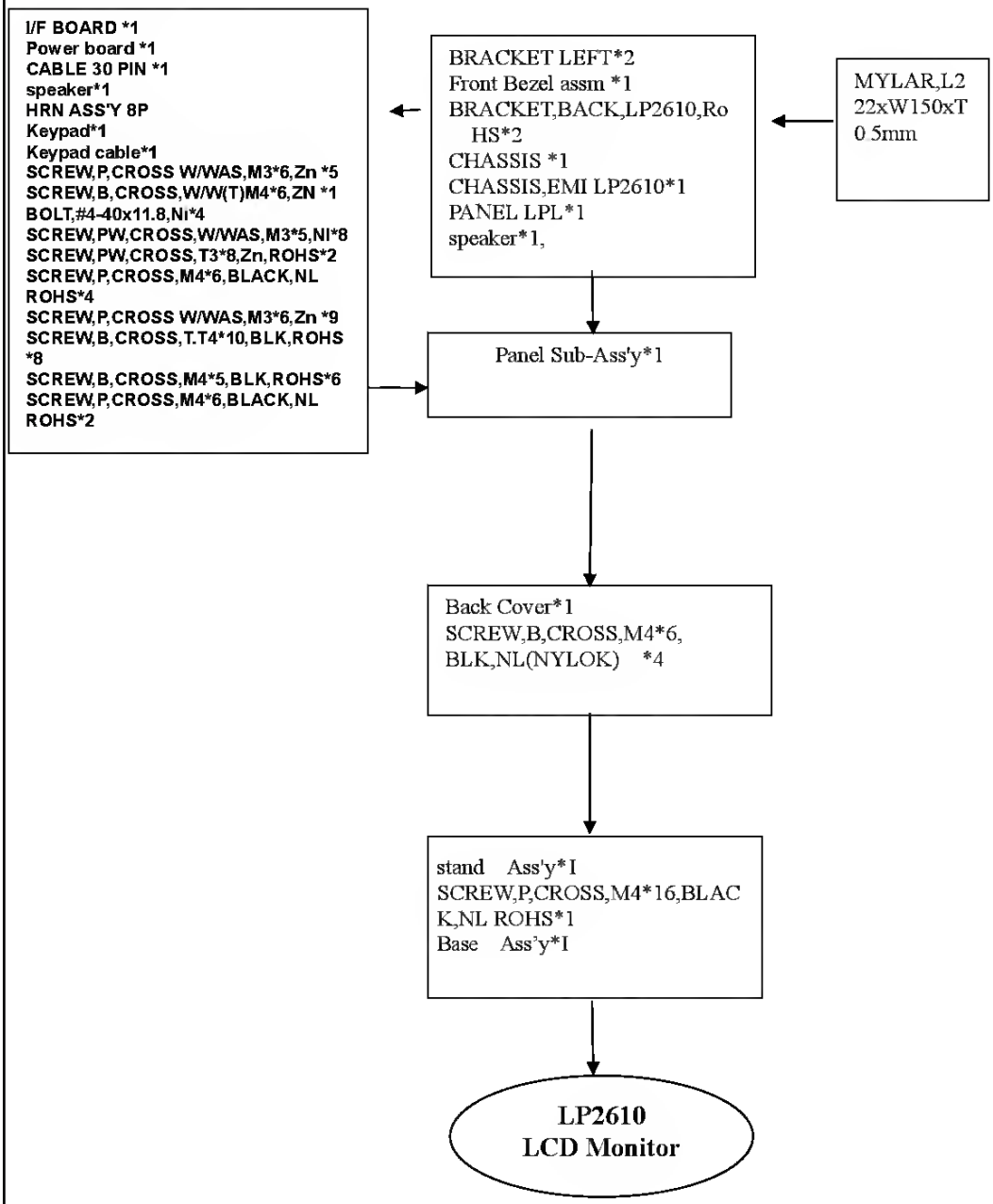
2 Assembly Block



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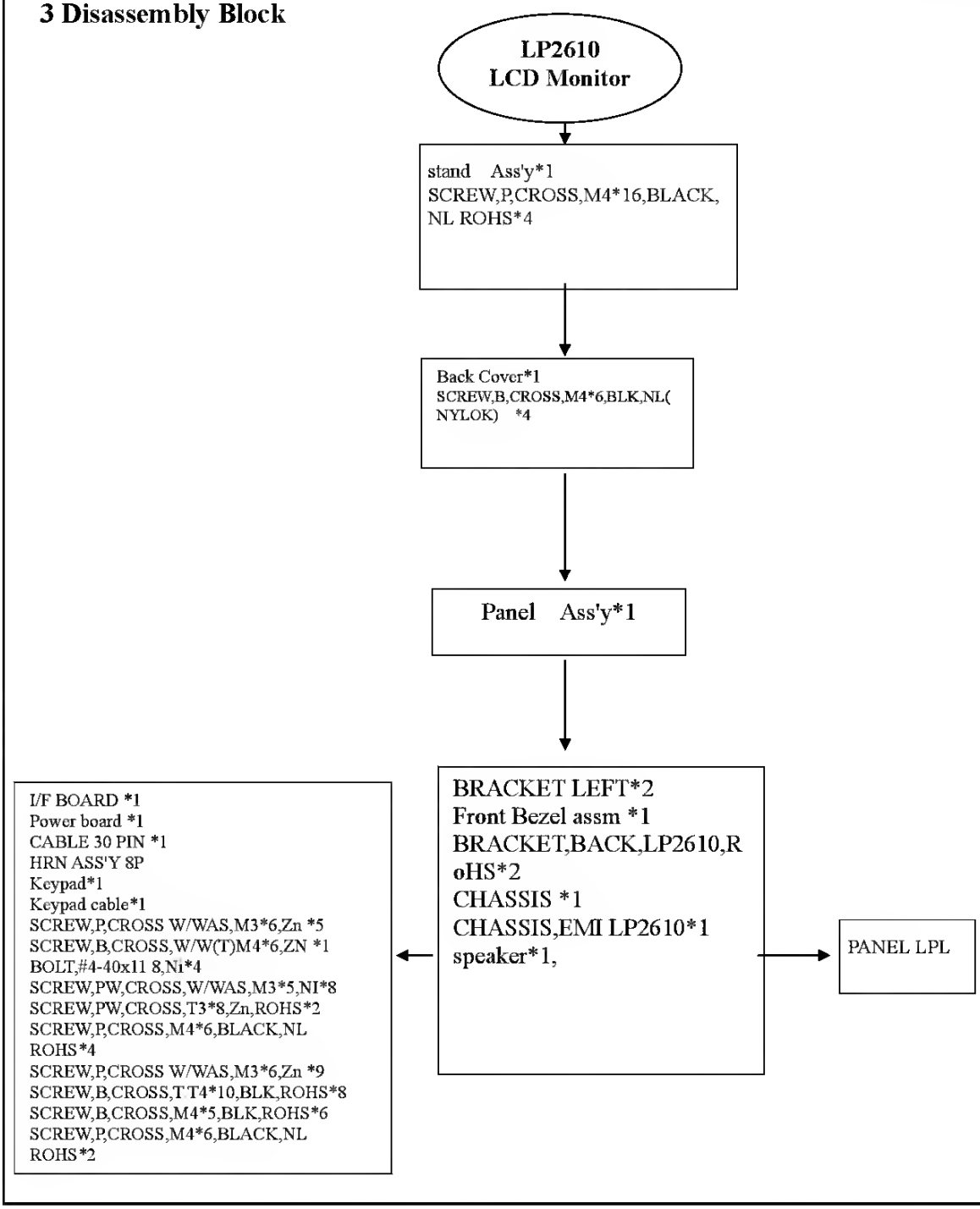
3 Disassembly Block



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Chapter 5- TEST AND ADJUSTMENT

1. GENERAL POINTS

1.1 Test Equipment or Tool

1.1.1 Test pattern generator: PC or video pattern generator (Chroma-2326/2160/2130)
1.1.2 Color analyzer: Chroma-7120
1.1.3 Power meter: AC Source Chroma-6408
1.1.4 Electrical safety tester: Chroma (Zentech) 9032A
1.1.5 Auto shock fixture
1.1.6 Temperature and humidity sensor
1.1.7 DDC interface card and EDID file

1.2 Preset Test Pattern

1.2.1 Crosshatch (General-1)
1.2.2 Gray Bar (16 & 32 levels)
1.2.3 Full White
1.2.4 Aging (Burn-in) Pattern: full Green, Blue, White, Black and Red

1.3 AC input

All measurements mentioned hereafter are carried out at a normal mains voltage (90 - 264 V_{AC} for the model with full range power supply, unless otherwise stated)

1.4 Observation Distance

1.4.1 Observation distance from eyes to panel is defined as 50cm
1.4.2 Visual distance from instrument to panel is defined as 20cm

1.5 Key Function Description

1.5.1 Control buttons on the front bezel

CONTROL KEY	KEYS FUNCTION
[AUTO]	A. When OSD un-displays, press [AUTO] to perform auto-adjustment B. When OSD displays, press [AUTO] to return to previous level menu
[MENU]	A. When OSD isn't shown on screen, press [MENU] to enter OSD interface B. When OSD displays, press [MENU] to perform function of menu icon that is highlight or enter next level menu
[►], [◄]	A. When "MENU OSD" displays, press these keys to change the contents of an adjustment item, or change an adjustment value B. When "MENU OSD" un-displays, press these keys no function
[POWER]	Power on or power off the monitor

1.5.2 Hot Key Operation

FUNCTION	HOT KEY OPERATION					DESCRIPTION
	AUTO	◄	►	MENU	POWER	
FACTORY MODE	•			•	ON	Press [AUTO] & [MENU] at the same time, and then press [POWER] for DC power on. OSD menu will be shown with "F" on the left top. Select "F" for entering factory mode.

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ISP MODE		•	•		ON	Firstly enter the factory mode, then Press ◄ & ► at the same time, and then press [POWER] for DC power on.

1.6 Burn-in (Aging) Pattern

1.6.1 Burn-in patterns are: full Green, Blue, White, Black and Red
1.6.2 It will enter burn-in mode (aging mode) on condition that Power on and in the factory mode Without VGA ,
1.6.3 Exit burn-in mode by plug in the VGA cable, then power on.

1.7 Warm Up

All test units have to be done warm up after at least 2 hours in a room with temperature of 40±5°C. (Except particular requirement)

2. INPUT SIGNAL

2.1 Video Signal Input

2.1.1 a. VESA Analog

The video input consists of red, green, and blue signals. The video signals are analog levels, where 0V corresponds to black and 700mV is the maximum signal amplitude. Input impedance of video pins is 75 ohm ±1%.

Sync signal input

The capability of sync signal inputs shall include separate sync. Input impedance: 10K ohms the signals are defined as follow:

Separate sync TTL level, Positive/Negative

Composite sync

Sync on Green

b. Digital signal (Option)

Standard DVI

2.1.2 Input signal mode

PRESET TEST MODE TIMING

Mode	Resolution (active dot)	Resolution (total dot)	Horizontal Frequency (KHz)	Vertical Frequency (Hz)	Nominal Pixel Clock (MHz)
VGA	640x480@60Hz	800 x 525	31.469	59.941	25.175
	640x480@72Hz	832 x 520	37.861	72.809	31.500
	640x480@75Hz	840 x 500	37.500	75.000	31.500
MAC	640x480@66.66Hz	864x525	35	66.66	30.24
VESA	720x400@70Hz	900x449	31.469	70.087	28.322
SVGA	800x600@56Hz	1024 x 625	35.156	56.250	36.000
	800x600@60Hz	1056 x 628	37.879	60.317	40.000
	800x600@72Hz	1040 x 666	48.077	72.188	50.000
	800x600@75Hz	1056x625	46.875	75.000	49.500
MAC	832x624@74.55Hz	1152x667	49.722	74.55	57.28
XGA	1024x768@70Hz	1328x806	56.476	70.069	75.000
MAC	1152x870@75Hz	1568x909	68.700	75.000	84.520
VESA	1152x864@75Hz	1600x900	67.5	75	108
	1280x960@60Hz	1800x1000	60	60	108
SXGA	1280x1024@60Hz	1688x1066	63.981	60.020	108.000
	1280x1024@75Hz	1688x1066	79.976	75.025	135.000
VESA	1280x720@60Hz	1650x750	44.955	59.940	74.176
	1280x768@60Hz	1664x798	47.776	59.870	79.500
	1280x768@75Hz	1696x805	60.289	74.893	102.250

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WXGA	1360x768@60Hz	1792x795	47.712	60.015	85.500
WXGA+	1440x900@60	1904x931	55.935	59.887	106.500
	1440x900@75	1936x942	70.635	75.000	136.750
UXGA	1600X1200@60Hz	2160x1250	75.000	60.000	162.000
WSXGA+	1680x1050@60Hz	2240*1089	65.290	59.954	146.250
WUXGA	1920x1200@60Hz/R	2080x1235	74.083	60.000	154.000

2.1.3 Signal cable

a. 15 pin D-sub VGA cable male

b. Single link 18+1 pin DVI-D male (Option)

2.1.4 Interface

Analog signal: The input signals are applied to display through D-sub or DVI cable.

Length: 1.8 m +/- 50 mm (fixed)

Connector type: a. D-sub male,

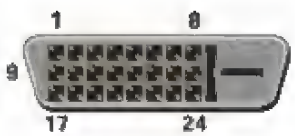
b. Single link DVI-D connector male (Option).

With DDC_2B pin assignments.

D-Sub Pin Assignment:

PIN No.	SIGNAL	PIN No.	SIGNAL
1	Red video input	9	VGA +5V
2	Green video input	10	GND
3	Blue video input	11	GND
4	GND	12	Serial data line (SDA)
5	Cable detect	13	H. Sync / H+V
6	Red video GND	14	V. Sync
7	Green video GND	15	Data clock line (SCL)
8	Blue video GND		

DVI-D Pin Assignment:



DVI-D
Receptacle Connector

Digital-Only Connector Pin Assignments					
Pin	Signal Assignment	Pin	Signal Assignment	Pin	Signal Assignment
1	T.M.D.S. Data2-	9	T.M.D.S. Data1-	17	T.M.D.S. Data0-
2	T.M.D.S. Data2+	10	T.M.D.S. Data1+	18	T.M.D.S. Data0+
3	T.M.D.S. Data2/4 Shield	11	T.M.D.S. Data1/3 Shield	19	T.M.D.S. Data0/5 Shield
4	No Connect	12	No Connect	20	No Connect
5	No Connect	13	No Connect	21	No Connect
6	DDC Clock	14	+5V Power	22	T.M.D.S. Clock Shield
7	DDC Data	15	Ground (for +5V)	23	T.M.D.S. Clock+
8	No Connect	16	Hot Plug Detect	24	T.M.D.S. Clock-

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3. FUNCTION CHECK

3.1 OSD Function Test

3.1.1 Test mode: 1920x1200 @ 60 Hz
3.1.2 Test pattern: pattern #1 of crosshatch (GENERAL-1)
3.1.3 Check single key function and hot key function about key "Power", "Menu"," ►", "◄ ", "Exit/Auto", it should operate normally

3.2 Screen Picture Check

3.2.1 Test mode: 1920x1200 @ 60 Hz
3.2.2 Test pattern: pattern #1 of crosshatch (GENERAL-1)
3.2.3 Select OSD menu to execute 'Auto' function, screen picture shouldn't appear abnormal phenomenon and picture on screen should fit in with active display screen.

3.3 Auto Color Balance

3.3.1 Test mode: 1920x1200 @ 60 Hz
3.3.2 Test pattern: pattern #48 of 32 gray levels (32 GRAYS)
3.3.3 Enter "Factory Mode" pressing "Auto color" key, and execute "AUTO".

3.4 Timing Check

3.4.1 Test mode: Refer to preset timing table and power saving mode
3.4.2 Test pattern: pattern #1 of crosshatch (GENERAL-1)
3.4.3 After change above timing and execute "Auto" function automatically, picture should fit in with active display screen.
3.4.4 Under power saving mode, LED lamp on the key board should be orange

3.5 Power Consumption Function Test

3.5.1 Test mode: 1920x1200 @ 60 Hz
3.5.2 Test pattern: pattern #41 of "WHITE"
3.5.3 Adjusting both brightness value to maximum,
3.5.4 Measure power consumption as the following

Status	Power Consumption	LED Display
Normal	≤ 130W	Green
Standby (No H/V sync)	< 2W	Orange
Power off	< 1W	No display

3.6 VGA Cable Detect Test

If VGA cable of LCD monitor isn't connected to video pattern generator or PC, "NO SIGNAL" should be shown on screen.

3.7 Hi-Pot test

Test condition:

a. high voltage 2.3KV(DC)
b. leakage current 10mA
c. rising time 1 sec.
d. test time 3 sec.

3.8 Grounding Test

Test condition:

a. test current 30A / 2 sec
b. impedance < 0.1Ω

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3.9 Bumping Test

3.9.1 Test mode: 1920x1200 @ 60 Hz;

3.9.2 Test pattern: pattern #1 of crosshatch (GENERAL-1)

3.9.3 To shock LCD monitor lightly at the center of rear cover and edges with 1~2kg/cm2 force for three times, no abnormal phenomenon is found on panel screen.

4. DISPLAY CHECK

4.1 Panel Flicker Check

Connect LCD monitor to PC, set LCD monitor to be timing of 1680x1050 @ 60 Hz, adjust brightness to be default value (brightness at maximum), execute "Auto" function, and then check picture of shut down under windows XP operating system, or flicker-pattern of pixel on-off. It should be that no flicker be found on panel screen.

4.2 Panel Defect Inspection

This item should follow IIS

4.2.1 Test mode: 1920x1200 @ 60 Hz

4.2.2 Test pattern: Crosshatch/Full white/Red/Green/Blue/Black/16 color bar/64 gray bars

4.2.3 Display quality must be (according to DIN 13406-2 pixel fault class II)

Defect Type	Specification	Major	Minor
Bright dot defect	≤ 3pcs		•
Dark dot defect	≤ 4pcs		•
Total bright and dark dots	≤ 5pcs		•
Bright Dots – 2 Adjacent B	N ≤ 1 pair		•
Bright Dots – 3 or more Adjacent	N ≤ 0 pair		•
Black Dots – 2 Adjacent B	N ≤ 1 pair		•
Black Dots – 3 or more Adjacent	N ≤ 0 pair		•
Distance between defect dots	L ≥ 15 mm		•
Distance between Dark dots	L ≥ 15 mm		•

Note 1: Dot defect is defined as the defective area is not larger than 50% of the dot area. Bright Dot is defined 5% transmission ND filter.

Note 2: Light Leakage: There shall not be visible light around the customer's bezel after assembly in normal View angle.

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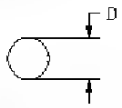
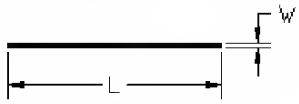
Defect Type		Specification Size	Count (N)	Majo	Minor
Dot Shape(Particle、Scratch and Bubbles in Display area or on The Polarizer) 		Black spots which appear when B/L operating 0.15mm ≤ D ≤ 0.5 mm	N ≤ 3		•
Line Shape (Particles、Scratch、Fiber and Bubbles in display area or on The Polarizer) 		L ≤ 0.5mm and W ≤ 0.05 mm	Ignored		•
		0.5mm < L ≤ 5mm and 0.05mm < W ≤ 0.1mm	N ≤4		
		L > 5mm or W > 0.1mm	N = 0		
Display non-uniformity		There should be non-uniformity through 5% transparency of filter or judge by limit sample if necessary			•
Bezel	Scratch	No harm			•
	Dirt				•
	Wrap	No harm			•
	Sunken	No harm			•
Label	No label	No			•
	Invert label				•
	Broken				•
	Dirt	Word can be read			•
	Not clear				•
	Word out of shape				•
	Mistake	No			•
	Position	Be attached on right position			•
Screw	Not enough	No			•
	Limp	No			•
Connector	Connection status	No bend on pins and damage			•
FPC/FFC	Broken	No			•

5. PICTURE CHECK

5.1 Check brightness uniformity

5.1.1 Test mode: 1920x1200 @ 60 Hz

5.1.2 Test pattern: pattern #41 of "WHITE"

5.1.3 Test tool: Color Analyzer Chroma7120

5.1.4 Set brightness and contrast to be maximum, apply pattern as Fig.3, it should be the following requirement:

$$\frac{\text{Min. luminance of nine points (backlight)}}{\text{Max. luminance of nine points (backlight)}} \geq 75\%$$

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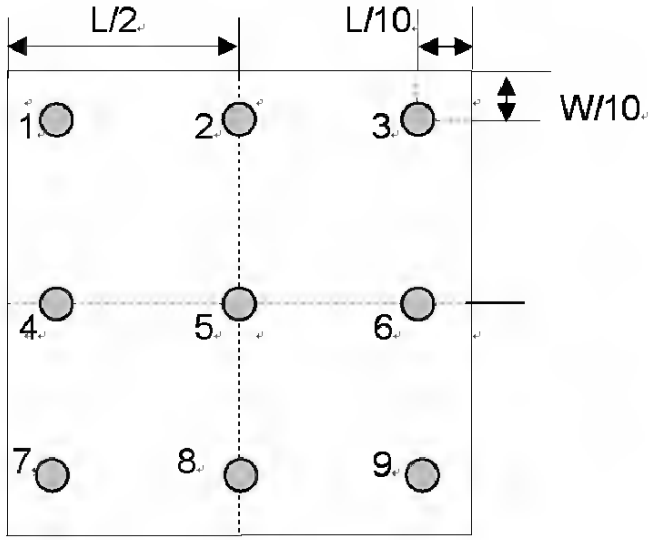

5.2 Color Temperature Check

5.2.1 Test mode: 1920x1200@ 60 Hz

5.2.2 Test pattern: pattern #41 of "WHITE"

5.2.3 Test tool: Color Analyzer Chroma7120

5.2.4 Set brightness to be maximum and contrast to be 50%, measure color coordinate and luminance by color analyzer as the following:

Mode	Chromaticity Coordinate		
	x	y	Y
9300K	0.283 ± 0.030	0.298 ± 0.030	180
USER	Default	Default	240
6500K	0.313 ± 0.030	0.329 ± 0.030	240

5.3 Brightness Out (Video signal input 700mV ± 2%)

5.3.1 Test mode: 1920x1200 @ 60 Hz

5.3.2 Test pattern: pattern #41 of "WHITE"

5.3.3 Test tool: Color Analyzer Chroma7120

Set brightness and contrast to be maximum with white pattern, to measure the screen center, the light output shall be BL >= 400cd/m^2

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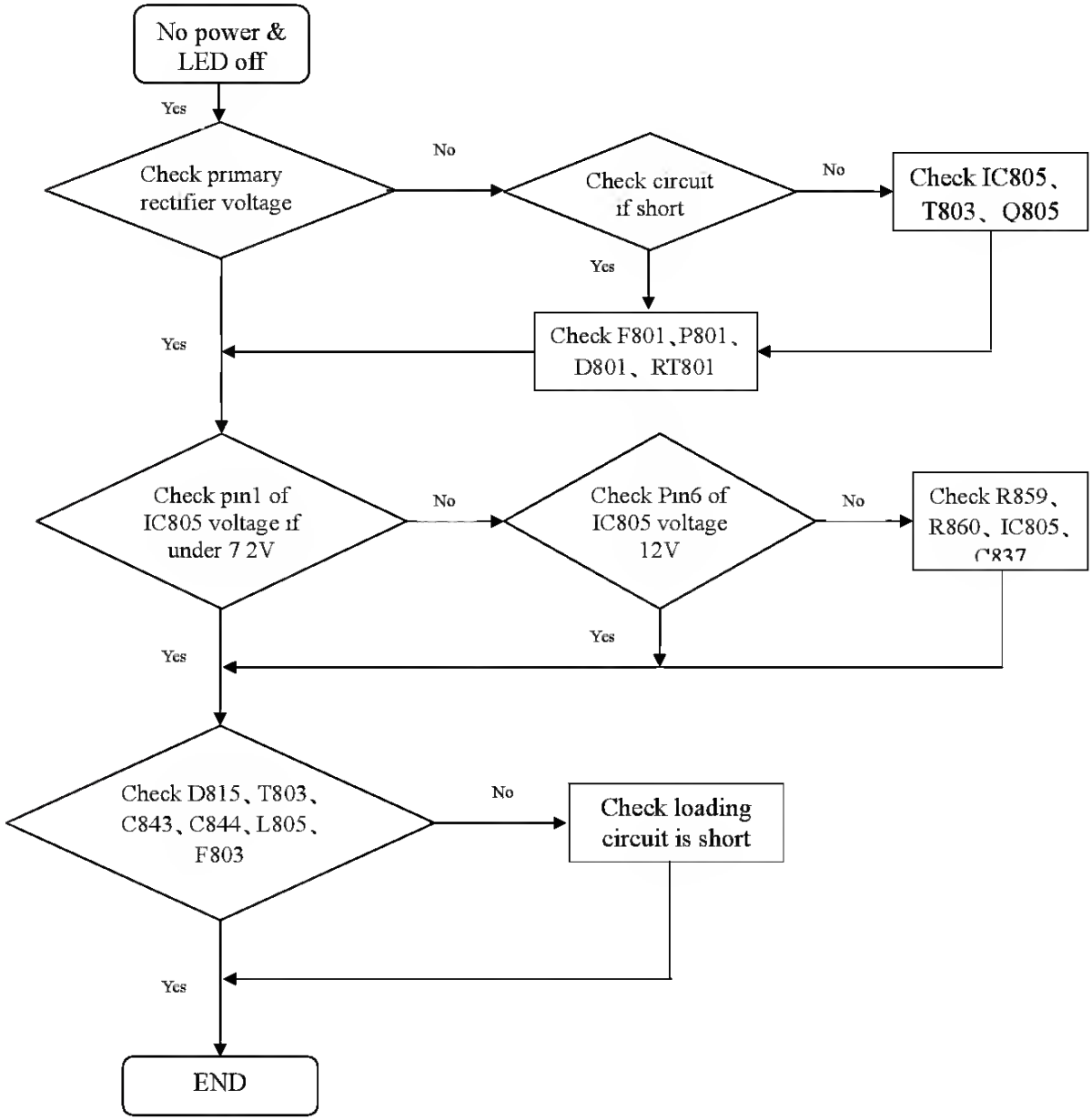
Chapter 6- TROUBLE SHOOTING

1. No Power & LED Off



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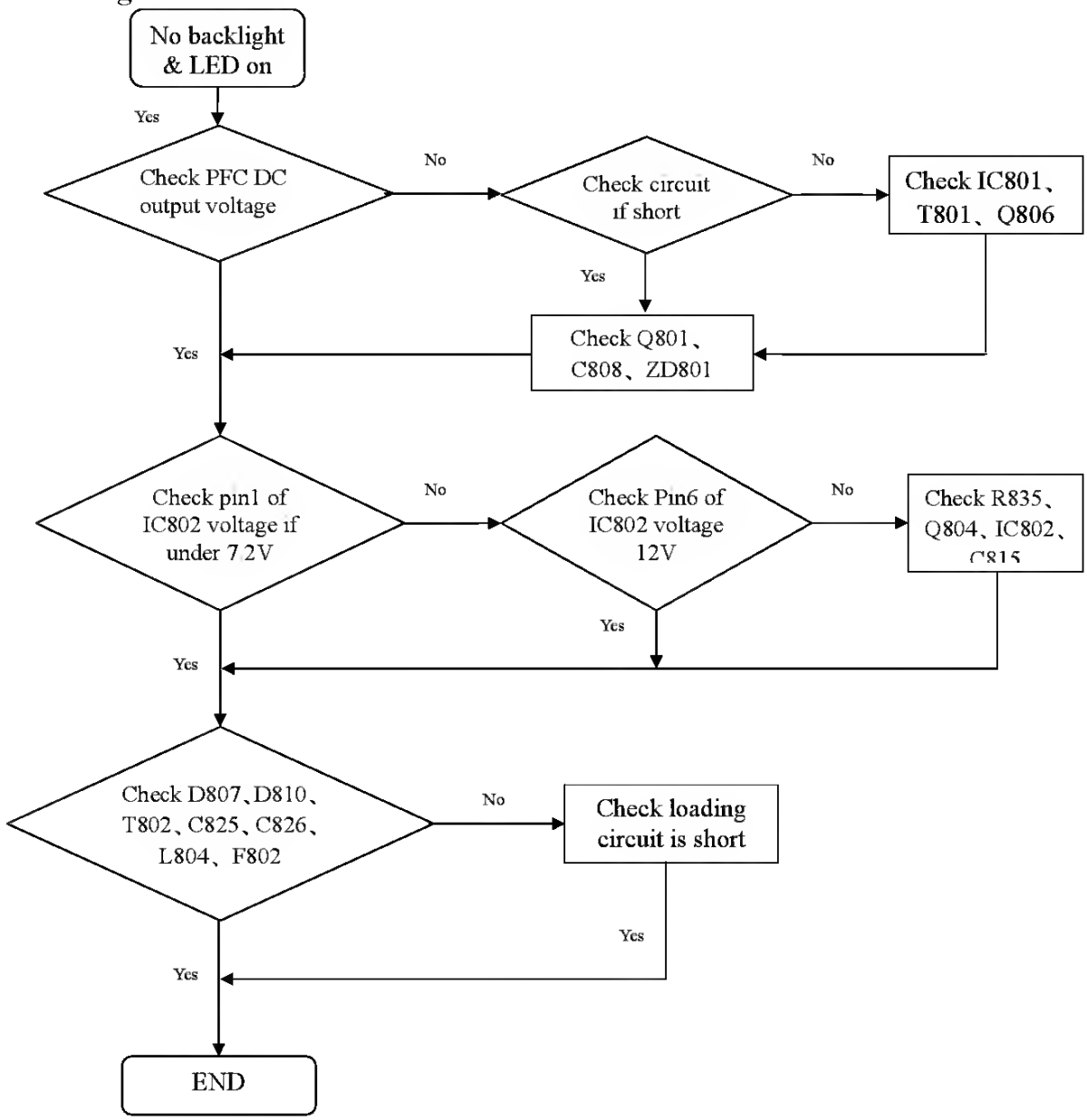
2. No backlight & LED on



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ATTACHMENT 1 - RECOMMENDED PART LIST

Item	Catalogue	INL P/N	Description	Min Order Q'ty
1	PCBA	790821300A01R	PCBA,I/F BOARD,(EMEA)LP2610-A12 ROHS	50
2		790821400A00R	PCBA,P/I BOARD,LP2610-A12 ROHS	50
3		790821500000R	PCBA,KEYPAD BOARD,LP2610 ROHS	50
4	CABLE	453070800210R	PWR CORD 16A/250V BLK 6FT VDE,H05VV-F 3G	50
5		453030300120R	CABLE,AUDIO 1P 6FT BLACK/GREEN CP03B06P0	50
6		453010100150R	CABLE,D-SUB 15P MALE 6FT BLACK,SZ4120955	50
7		430300800820R	HRN ASS'Y 8pin 340mm UL1571#28	50
8		430303000710R	HRN ASS'Y LVDS 30P 270m; UL1007#30	50
9		430300100220R	HRN ASS'Y 1P 250mm BLACK,UL1007#20,	50
10	CASE/COVER/BRACKET ASSEMBLY	502090304900R	CHASSIS, LP2610	50
11		714071005800R	ASSY,STAND(B), LP2610 RoHS	50
12		714033008500R	ASSY,FRONT BEZEL(G), LP2610 RoHS	50
13		714021008200R	ASSY,BASE(B),LP2610	50
14		501021211200R	COVER,HINGE(B), LP2610	50
15		501021211100R	COVER,BACK(B), LP2610	50
16	PANEL	831102260010RA	LCD PANEL 26" LM260WU1-SLB1(A)(LPL)RoHS	10
17	SPEAKER	618100200170R	SPEAKER 2.5W 4Ω 230mm R/B/G W/CASE X08	50

ATTACHMENT 2-PCB LAYOUT

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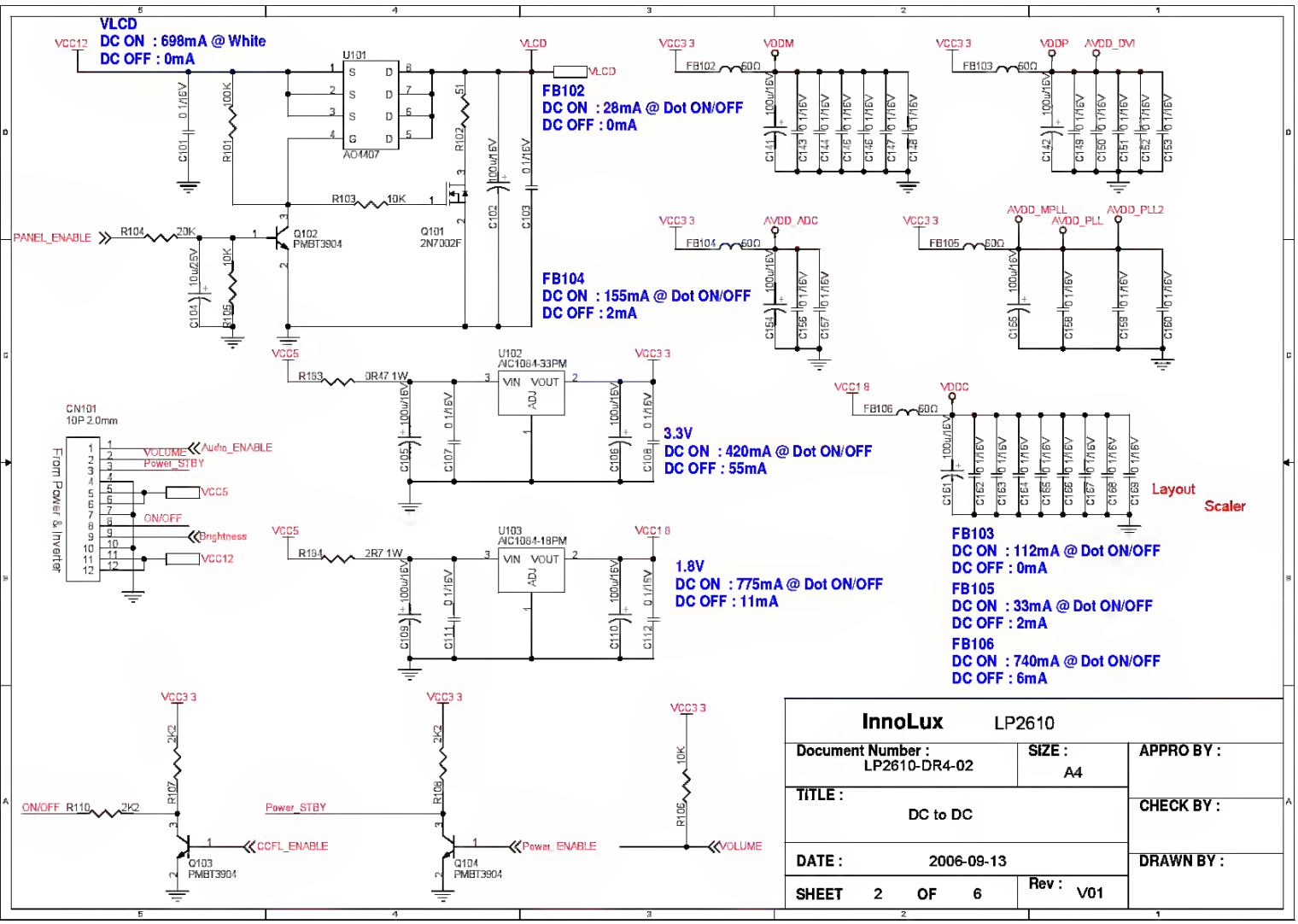

InnoLux LP2610		
Document Number : LP2610-DR4-02	SIZE : A4	APPRO BY :
TITLE : DC to DC		CHECK BY :
DATE : 2006-09-13		DRAWN BY :
SHEET 2 OF 6	Rev : V01	

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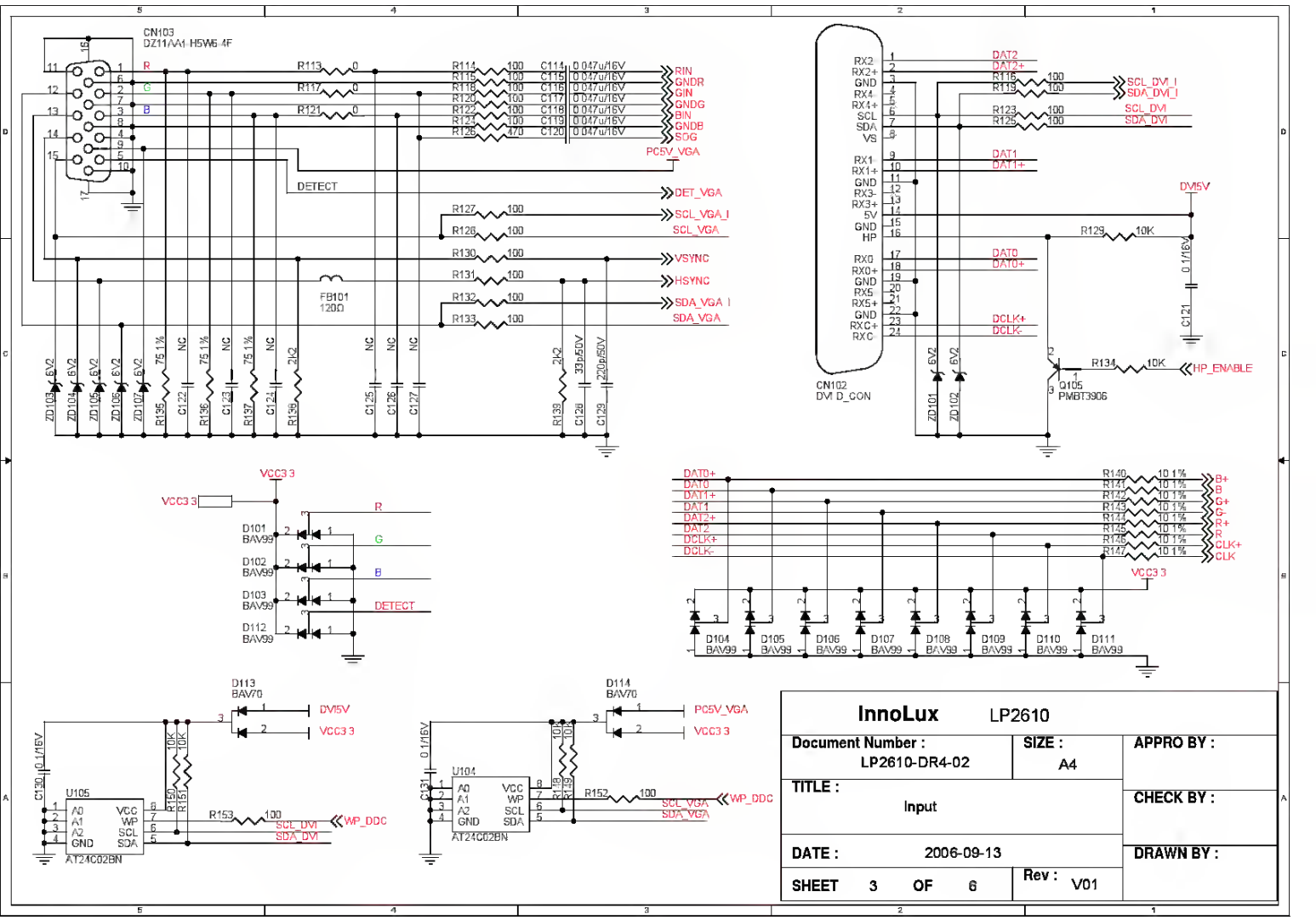

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TITLE : Input		**CHECK BY :**
DATE : 2006-09-13		**DRAWN BY :**
SHEET 3 **OF** 6	**Rev :** V01	

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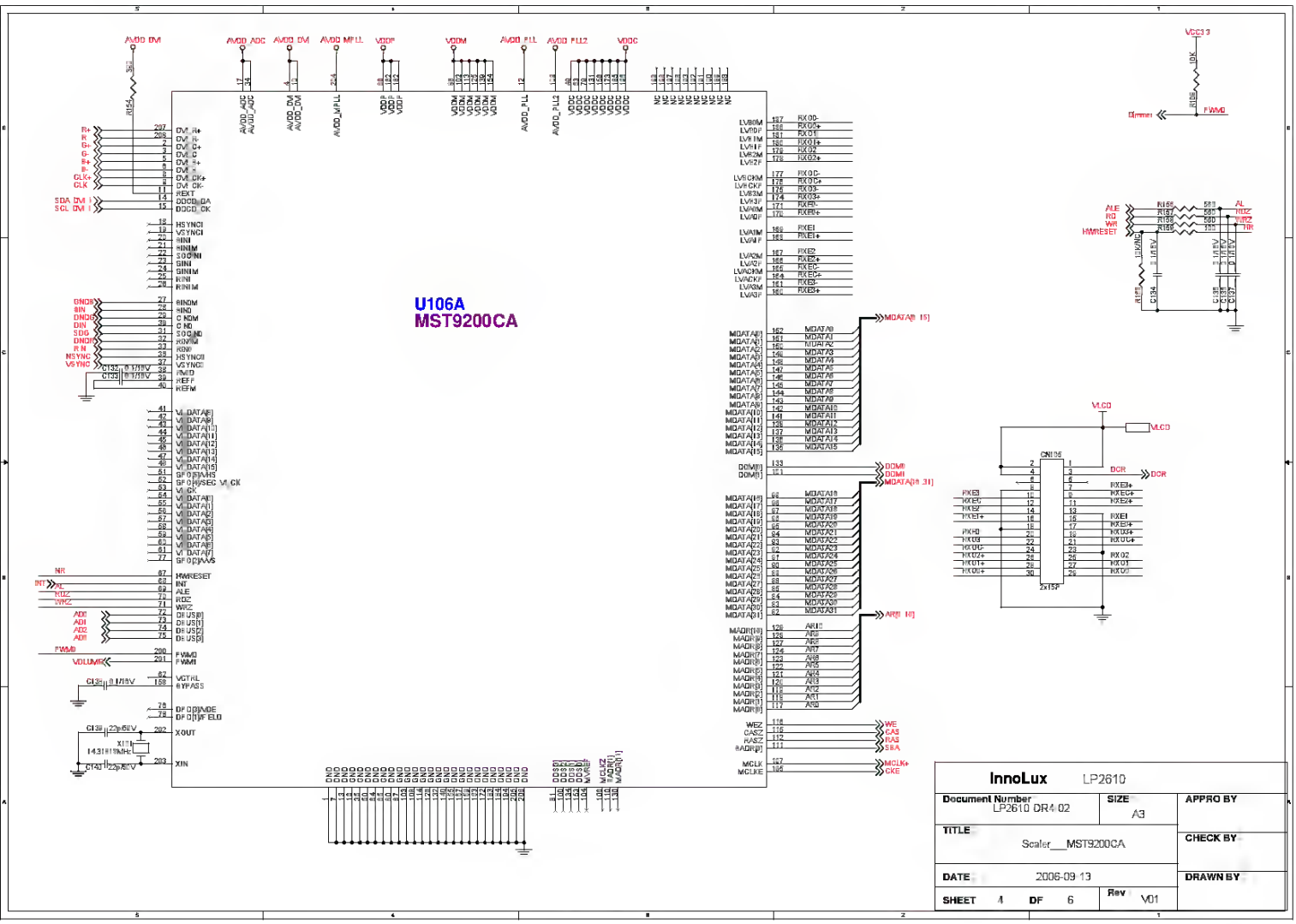

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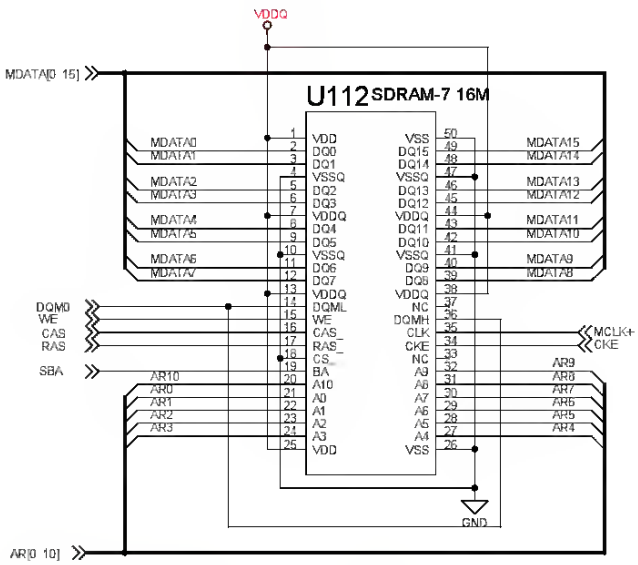

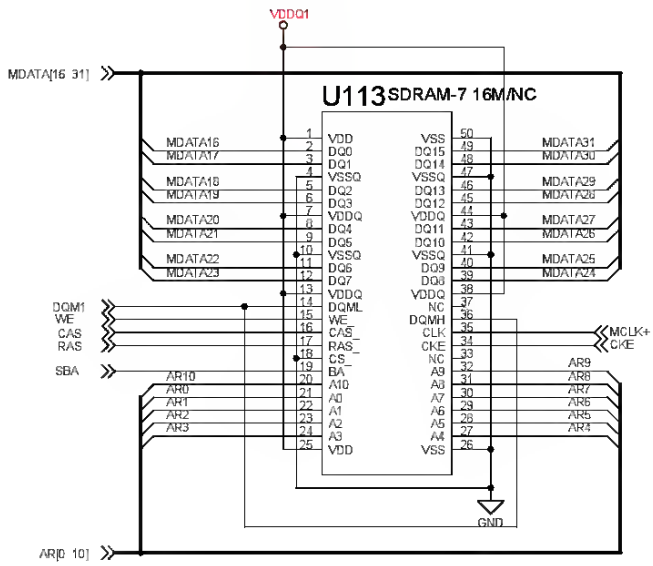

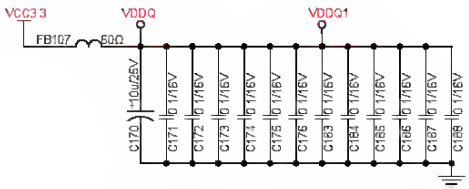

FB107
DC ON : 68mA @ Dot ON/OFF
DC OFF : 0mA

InnoLux LP2610		
Document Number : LP2610-DR4-02	**SIZE :** A4	**APPRO BY :**
TITLE : SDRAM		**CHECK BY :**
DATE : 2006-09-13		**DRAWN BY :**
SHEET 5 OF 6	**Rev :** V01	

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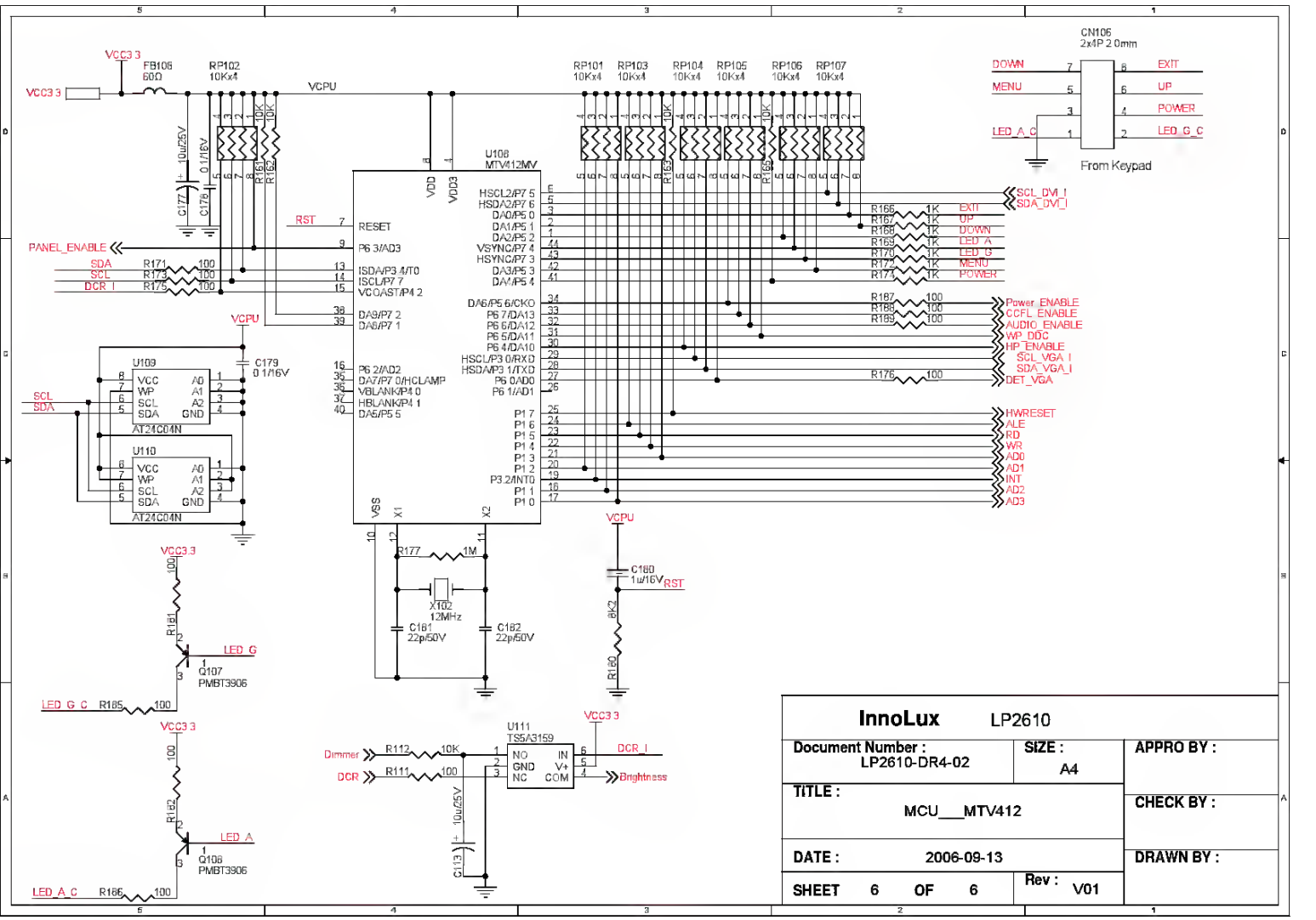

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TITLE : MCU___MTV412			**CHECK BY :**
DATE : 2006-09-13			**DRAWN BY :**
SHEET 6 OF 6	**Rev :** V01		

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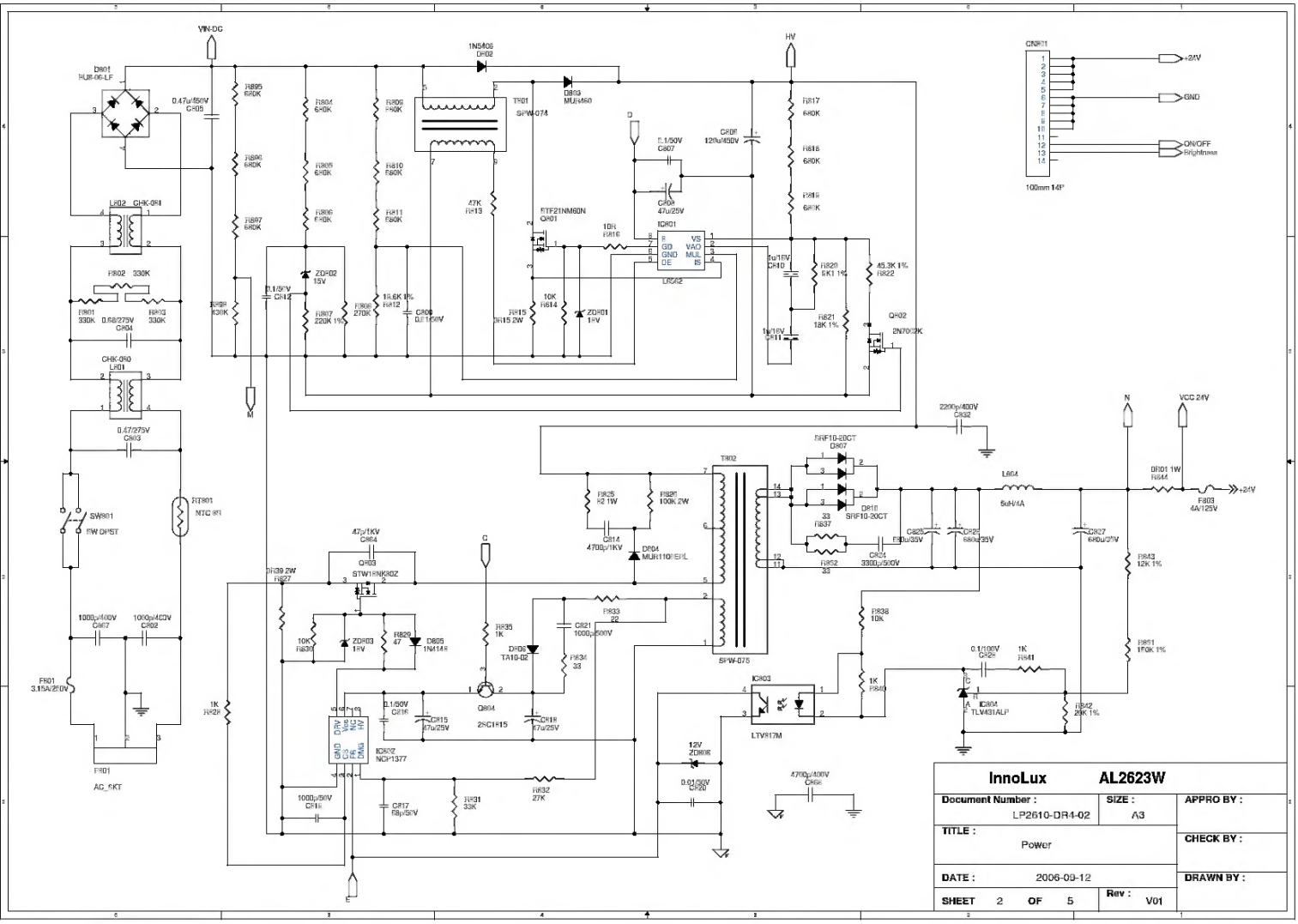

InnoLux	**AL2623W**		
Document Number : LP2610-DR4-02		**SIZE :** A3	**APPRO BY :**
TITLE : Power			**CHECK BY :**
DATE : 2006-09-12			**DRAWN BY :**
SHEET 2 **OF** 5		**Rev :** V01	

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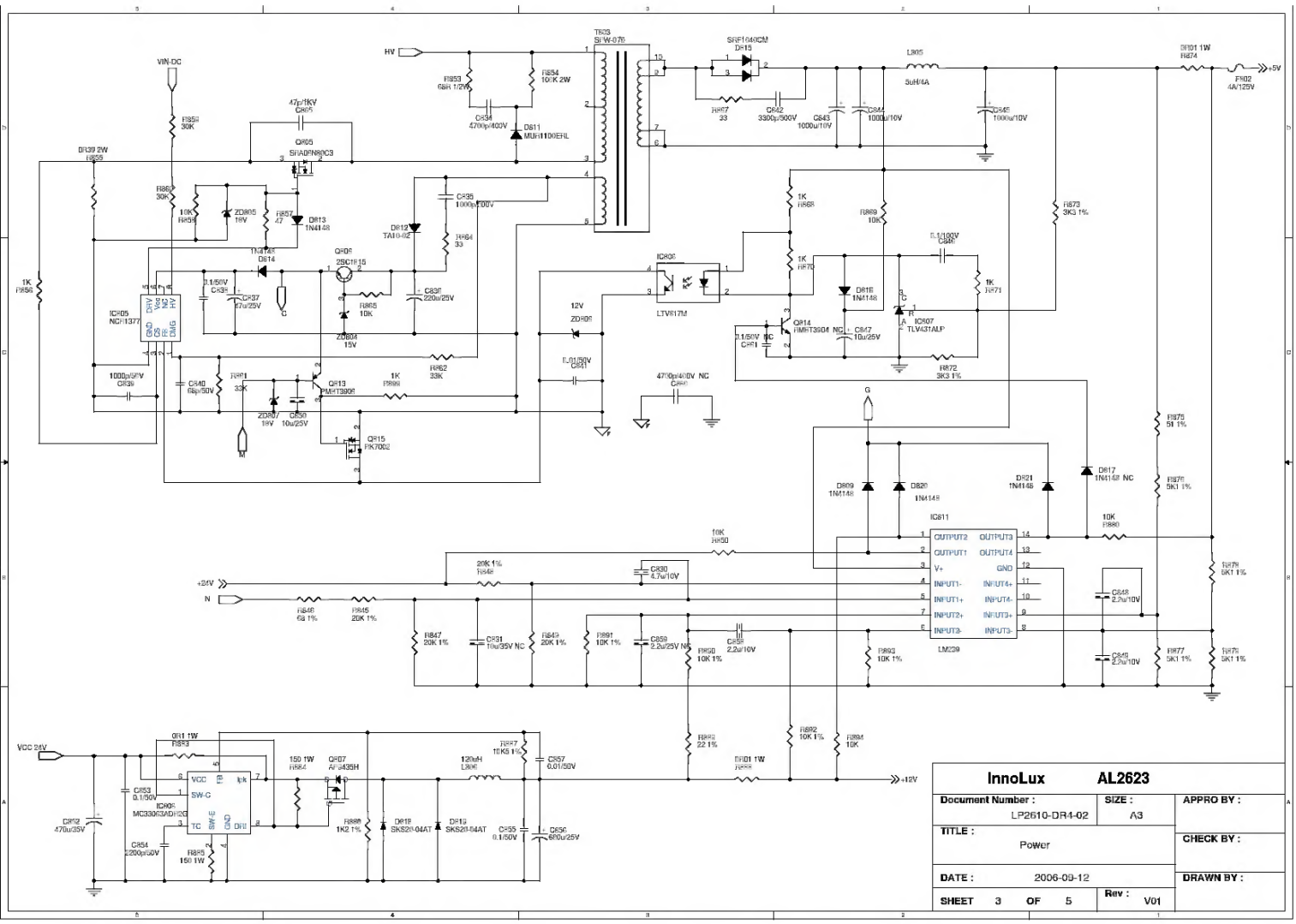

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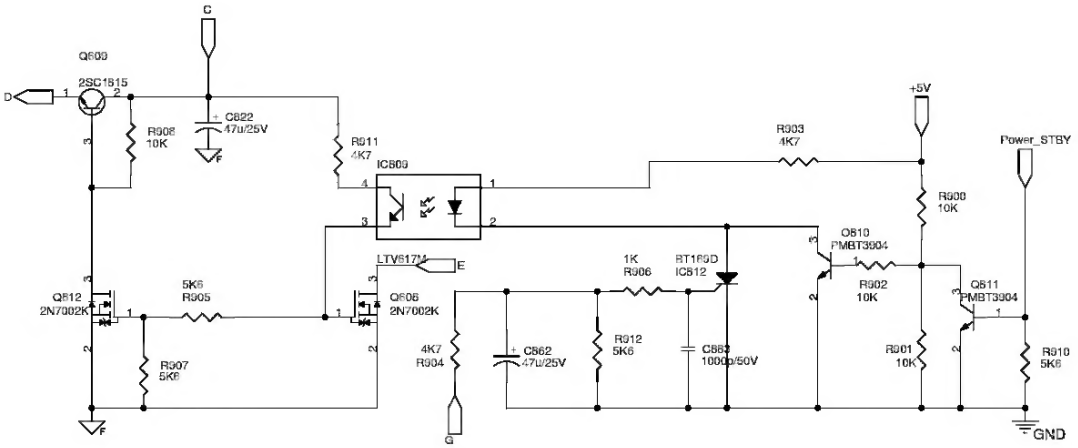

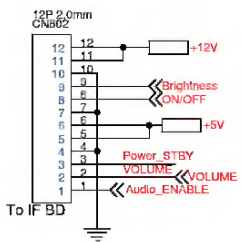

InnoLux	**AL2623W**		
Document Number : LP2610-DR4-02	**SIZE :** A4		**APPRO BY :**
TITLE : Standby power			**CHECK BY :**
DATE : 2006-09-12			**DRAWN BY :**
SHEET 4 **OF** 5	**Rev :** V01		

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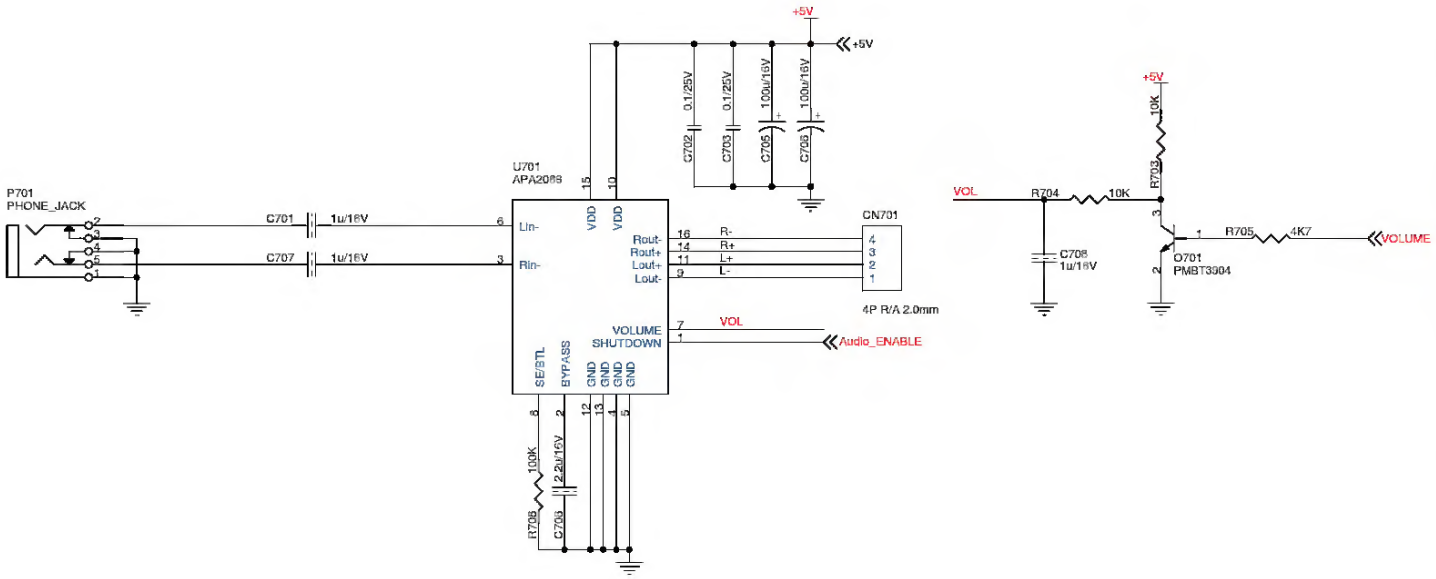

InnoLux		LE26XX (AL2623W)	
Document Number : LP2610-DR4-02	SIZE : A4		APPRO BY :
TITLE : Acer AL2623W			CHECK BY :
DATE : 2006-09-12			DRAWN BY :
SHEET 5 OF 5		Rev : V01	

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